

SEQUENCE LISTING

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     Price, Christopher
     Anderson, Wesley
     Ansari, Aslam
<120> METHODS OF ANALGESIA
<130> 9233-8DV2
<140> US 09/430,735
<141> 1999-10-29
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<151> 1998-08-14
<160> 53
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<223> Xaa is B2, wherein B2 is Gly, Phe, or Trp
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<223> Xaa is C3, wherein C3 is Trp or Nap
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<223> The amine between the first Tyr and the second Tyr is methylated,
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      (5)..(5)
<223> His is His-z, wherein z is 0 or 1
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      (1)..(1)
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<223> NH2 of Tyr is blocked by butyloxycarbonyl group
<400> 50
Tyr Gly Gly Phe Leu Lys
<210> 51
<211> 6
<212> PRT
<213> Artificial sequence
<220>
<223> Synthetic construct
<220>
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<222> (1)..(1)
<223> NH2 of Tyr is blocked by butyloxycarbonyl group
<400> 51
Tyr Gly Gly Phe Leu Lys
<210> 52
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<212> PRT
<213> Artificial sequence
<220>
<223> Synthetic construct
<220>
<221> MOD_RES
<222> (1)..(1)
<223> NH2 of Tyr is blocked by butyloxycarbonyl group
<220>
<221> MOD_RES
<222> (6)..(6)
<223> Polymer connected to epsilon-amino group
```

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<400> 52
Tyr Gly Gly Phe Leu Lys
<210> 53
<211> 2
<212> PRT
<213> Artificial sequence
<220>
<223> Synthetic construct
<220>
<221>
      MOD RES
<222>
       (1)..(1)
       Tyr has at its N-terminus a Me-x-H-y-N group, wherein x is 0, 1,
<223>
       or 2; and y is 0, 1, or 2, with the proviso that x and y is never
        greater than 2
<220>
<221>
      MOD_RES
<222>
      (1)..(2)
      The amine between the first Tyr and the second Tyr is methylated,
<223>
        wherein z is 0 or 1
<220>
<221> MOD_RES
      (2)..(2)
<222>
<223> AMIDATION
<220>
<221> MOD_RES
<222>
      (2)..(2)
<223> The amidated C-terminal is benzylated (NHBzl)
<400> 53
Tyr Tyr
```